

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/822,548
				Filing Date	April 12, 2004
				First Named Inventor	Seghatol, et al.
				Art Unit	3742
				Examiner Name	Not Assigned
				Attorney Docket Number	1550.36US03
Sheet	1	of	3		
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Document Number Number-Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
PB		US-4,527,560	07-1985	Masreliez	
		US-4,873,269	10-1989	Nakazato	
		US-4,971,735	11-1990	Uebayashi	
		US-5,147,903	09-1992	Podszun et al.	
		US-5,151,279	09-1992	Kimura	
		US-5,175,008	12-1992	Ueno	
		US-5,218,070	06-1993	Blackwell	
		US-5,302,104	04-1994	Ueda	
		US-5,324,186	06-1994	Bakanowski	
		US-5,421,727	06-1995	Stevens et al.	
		US-5,502,087	03-1996	Tateosian et al.	
		US-5,510,411	04-1996	McKinstry et al.	
		US-5,645,748	07-1997	Schiffmann et al.	
		US-5,893,713	04-1999	Garman et al.	
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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
PB		EP 0 687 451 A2	12-1995	Goerlich et al.	
		JP 7031632A	02-1995	Teraoka et al.	
PB		CA 2,148,536	11-1995	Goerlich et al.	
PB		CA 2,120,880	10-1995	Seghatol et al.	
		EP 0 193 514 B1	08-1990	DeClerek	
EXAMINER SIGNATURE			DATE CONSIDERED		
Patrick Butler			16 August 2005		

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PB		Feilzer AJ et al., "Curing contraction of composites and glass-ionomer cements," <i>Journal of Prosthetic Dentistry</i> , Vol. 59, pp. 297-300 (1988).			
		Ferracane JL et al., "Wear and marginal breakdown of composite with various degrees of cure," <i>J Dent. Res.</i> , Vol. 76, No. 8, pp. 1508-16 (1997).			
		Hayden WJ, "Flexure strength of microwave-cured denture baseplates", <i>General Dentistry</i> , Vol. 343, pp. 367 (1986).			
		Al Doori D et al. "A comparison of denture base acrylic resins polymerised by microwave irradiation and by conventional water bath curing systems," <i>Dental Materials</i> , Vol. 4, pp. 25-32 (1988).			
		Geerts G et al., "A comparison of the bond strengths of microwave and water bath-cured denture materials," <i>The Journal of Prosthetic Dentistry</i> , Vol. 66, No. 3, pp. 403-07 (Sept. 1991).			
		Turck MD et al, "Microwave processing for dentures, relines, repairs and rebases," <i>The Journal of Prosthetic Dentistry</i> , Vol. 69, No. 3, pp. 340-43 (1993).			
		Wallace PW et al., "Dimensional accuracy of denture resin cured by microwave energy," <i>The Journal of Prosthetic Dentistry</i> , Vol. 68, pp. 634-40 (1992).			
		Salim S. et al. "The dimensional accuracy of rectangular acrylic resin specimens cured by three denture base processing methods," <i>The Journal of Prosthetic Dentistry</i> , Vol. 67, pp. 879-85 (1992).			
		Ferracane JL, "Elution of leachable components from composites," <i>Journal of Oral Rehabilitation</i> , Vol. 21, pp. 441-52 (1994).			
		Hume WR et al., "Bioavailability of components of resin-based materials which are applied to teeth," <i>Crit. Rev. Oral Biol. Med.</i> , Vol. 7, No. 2, pp. 172-79 (1996).			
		Urabe H. et al. in "Influence of polymerization initiator for base monomer on microwave curing of composite resin inlays," <i>Journal of Oral Rehabilitation</i> , Vol. 26, pp. 442-46 (1999).			
		"The Prosthoflex automated injection system from ATP Industries, Inc." <i>Dental Lab Products</i> , Sept./Oct. 1995, pp. 14.			
EXAMINER SIGNATURE	Patrick Butcher			DATE CONSIDERED	16 August 2005
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p>					

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pb		N. Hoshi et al in "Application of Microwaves and Millimeter Waves for the Characterization of Teeth for Dental Diagnosis and Treatment," <i>IEEE Transactions on Microwave Theory and Techniques</i> , June 1998, Vol. 46, No. 6, pp. 834-38.				
EXAMINER SIGNATURE	P Butler			DATE CONSIDERED	16 August 2005	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
PB		US-4,011,197	03/1977	Lee
		US-4,251,215	02/1981	May et al.
		US-4,527,560	07/1985	Masreliez
		US-4,543,379	09/1985	Gettleman et al.
		US-4,604,444	08/1986	Donnadieu et al.
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		US-5,059,914	10/1991	Lacombe et al.
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		US-5,302,104	04/1994	Ueda
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		US-5,346,932	09/1994	Takahashi et al.
		US-5,358,515	10/1994	Hürter et al.
		US-5,384,075	01/1995	Okami
		US-5,421,727	06/1995	Stevens et al.

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EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
PB		CA 2120880	10/1995		
PB		CA 2148536	11/1995		
		DE 41 02 129 A1	07/1992		

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Patrick Butler

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PB		US-5,456,603	10/1995	Kowalyk et al.	
		US-5,502,087	03/1996	Tateosian et al.	
		US-5,510,411	04/1996	McKinstry et al.	
		US-5,521,360	05/1996	Johnson et al.	
		US-5,632,955	05/1997	Gabbai	
		US-5,645,748	07/1997	Schiffmann et al.	
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		US-5,747,553	05/1998	Guzauskas	
		US-5,770,143	06/1998	Hawley et al.	
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	US-6,605,651	08/2003	Stangel et al.		
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		EP 0 193 514 B1	08/1990		
PB		EP 0 687 451 A2	12/1995		
		JP 63-296750	02/1988		
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PB		Urabe et al., "Influence of Polymerization Initiator for Base Monomer on Microwave Curing of Composite Resin Inlays," Journal of Oral Rehabilitation 1999 26:447-446			
		Readers' Choice, "The Prosthoflex Automated Injection System From ATP Industries, Inc.," Dental Lab Product, Sep./Oct. 1995.			
		Hoshi et al., "Application of Microwaves and Millimeter Waves for the Characterization of Teeth For Dental Diagnosis and Treatment," IEEE Transactions on Microwave Theory and Techniques, vol. 46, no. 6, June 1998.			
		Ferracane, "Elution of Leachable Components From Composites," Journal of Oral Rehabilitation, 1994, vol. 24, pp. 441-452.			
		"Estrogenic Agents Leach From Dental Sealant," Science News, vol. 149, Apr. 6, 1996.			
		Hume et al., "Bioavailability of Components of Resin-Based Materials Which Are Applied To Teeth," Crit. Rev. Oral Biol. Med., 7(2):172-179 (1996).			
		Alkhatib et al., "Comparison of Microwave-Polymerized Denture Base Resins," The International Journal of Prosthodontics, vol. 3, no. 3, pp. 249-255, 1990.			
		Hayden, "Flexural Strength of Microwave-cured Denture Baseplates," General Dentistry/Sep.-Oct. 1986, pp. 367-371.			
		Geerts et al., "A Comparison of the Bond Strengths of Microwave—and Water Bath—Cured Denture Material," The Journal of Prosthetic Dentistry, vol. 70, no. 5, pp. 406-409.			
→		Turck et al., "Microwave Processing for Denture Relines, Repairs, and Rebases," The Journal of Prosthetic Dentistry, vol. 69, no. 3, pp. 340-343.			
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		Salim et al., "the Dimensional Accuracy of Rectangular Acrylic Resin Specimens cured by Three Denture Base Processing Methods," The Journal of Prosthetic Dentistry, Jun. 1992, vol. 67, No. 4, pp. 879-881.			
		Wallace et al., "Dimensional Accuracy of Denture Resin Cured By Microwave Energy," The Journal of Prosthetic Dentistry, Sep. 1991, vol. 66, No. 3, pp. 403-407.			
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